



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

THERMAL INTERFACE WAFER AND METHOD OF  
MAKING AND USING THE SAME

Application Number: 10/669813



Confirmation Number: 5183

First Named Applicant: ROBERT RAUCH

Attorney Docket Number: POWRD-023G

Art Unit: 3753

Search string: ( 2887628 or 2799793 or 3013104 or 3249680  
or 3356828 or 3391242 or 3463140 or 3463161  
or 3467547 or 3476177 or 3586102 or 3603106  
or 3819530 or 3823089 or 3887628 or 3972821  
or 4065908 or 4139051 or 4151547 or 4199548  
or 4237086 or 4266267 or 4299715 or 4360626  
or 4466483 or 4473113 or 4489487 or 5002715  
or 5051259 or 5060114 or 5237086 or 5660917  
or 5783862 or 5904796 or 5912805 or 5930715  
or 5931831 or 5986884 or 6054198 or  
6391442 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	2887628	1956-06-12	ZIERDT, JR.			
<input type="checkbox"/>	2	2799793	1957-07-16	D. J. DE CAIN			
<input type="checkbox"/>	3	3013104	1961-12-12	G.V. YOUNG			
<input type="checkbox"/>	4	3249680	1966-05-02	A.R. SHEETS ET AL.			
<input type="checkbox"/>	5	3356828	1967-12-05	R.F. FURNESS			
<input type="checkbox"/>	6	3391242	1968-07-02	A.R. SUDGES			
<input type="checkbox"/>	7	3463140	1969-08-26	E.A. ROLLOR, JR.			
<input type="checkbox"/>	8	3463161	1969-08-30	S. ANDRASSY			
<input checked="" type="checkbox"/>	9	3467547	1969-09-16	W. HARVEY, ET AL.			
<input checked="" type="checkbox"/>	10	3476177	1969-11-04	F. POTZL			
<input checked="" type="checkbox"/>	11	3586102	1971-06-22	R. GILLES			

<input checked="" type="checkbox"/>	12	3603106	1971-09-07	RYAN
<input type="checkbox"/>	13	3819530	1974-06-25	RATLEDGE ET AL.
<input type="checkbox"/>	14	3823089	1974-07-09	J. RYAN, ET AL.
<input type="checkbox"/>	15	3887628	1975-06-03	BECKERS
<input type="checkbox"/>	16	3972821	1976-08-03	WEIDENBENNER, ET AL.
<input type="checkbox"/>	17	4065908	1978-01-03	MUELLER
<input type="checkbox"/>	18	4139051	1979-02-13	JONES, ET AL.
<input type="checkbox"/>	19	4151547	1979-04-24	RHOADES, ET AL.
<input type="checkbox"/>	20	4199548	1980-04-22	RAIHO, ET AL.
<input type="checkbox"/>	21	4237086	1980-12-02	GEHLE
<input type="checkbox"/>	22	4266267	1981-05-05	RUEGG
<input type="checkbox"/>	23	4299715	1981-11-10	WHITFIELD, ET AL.
<input type="checkbox"/>	24	4360626	1982-11-23	MANWILLER
<input type="checkbox"/>	25	4466483	1984-08-21	WHITFIELD, ET AL.
<input type="checkbox"/>	26	4473113	1984-08-25	WHITFIELD, ET AL.
<input type="checkbox"/>	27	4489487	1984-12-25	BURA
<input type="checkbox"/>	28	5002715	1991-03-26	GRAPES, ET AL.
<input type="checkbox"/>	29	5051259	1991-09-24	OLSEN, ET AL.
<input type="checkbox"/>	30	5060114	1991-10-22	FEINBERG, ET AL.
<input type="checkbox"/>	31	5237086	1993-08-17	KRUGER, ET AL.
<input type="checkbox"/>	32	5660917	1997-08-26	FUJIMORI, ET AL.
<input type="checkbox"/>	33	5783862	1998-07-21	DEENEY
<input type="checkbox"/>	34	5904796	1999-05-18	FREULER, ET AL.
<input type="checkbox"/>	35	5912805	1999-06-15	FREULER, ET AL.
<input type="checkbox"/>	36	5930715	1999-08-03	EATON
<input type="checkbox"/>	37	5931831	1999-08-03	LINDER
<input checked="" type="checkbox"/>	38	5986884	1999-11-16	JAIRAZBHOY, ET AL.
<input checked="" type="checkbox"/>	39	6054198	2000-04-25	BUNYAN, ET AL.
<input checked="" type="checkbox"/>	40	6391442	2002-05-21	DUVALL, ET AL.

Signature

Examiner Name	Date
Flanagan	2/28/05

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

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**Complete if Known**

Application Number	10/669,813
Filing Date	SEPTEMBER 24, 2003
First Named Inventor	ROBERT A. RAUCH
Group Art Unit	3753
Examiner Name	
Attorney Docket Number	POWRD-023G

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>3</sup>
RTS		POWER DEVICES, INC.: "Kapton MT Substrates Coated with High Performance Thermal Compound in Easy-to-Use Form"; MCM-Strate; 1996.	
		POWER DEVICES, INC.: "Low Thermal Resistance and Excellent Electrical Insulation in One Clean, Reliable System"; ISOSTRATE; 1991.	
		POWER DEVICES, INC.: "Adhesive-backed Aluminum Substrate with High Performance Thermal Compound in Easy-to-Use Form"; MCM-STRATE; 1996	
		POWER DEVICES, INC.: "The Cost-Effective Solution to Thermal Interface Problems - Clean, Dry and Easy to Use; THERMSTRATE; 1991.	
		CHOMERICS; "THERMATTACH 404 and 405 Thermally Conductive Adhesive Tapes"; CHO-THERM Thermal Interface Materials; Technical Bulletin 72; 1993.	
		CHOMERICS; "THERMATACH T413 and T414 Thermally Conductive Adhesive Tapes"; Preliminary Product Data Sheet; 1994.	
		CHOMERICS; "THERMFLOW T705 and T710 Low Thermal Resistance Interface Pads"; CHO-THERM Thermal Interface Material; Technical Bulletin 77; 1997.	
RTS		THE BERGQUIST COMPANY; "SIL-PAD Design Guide"; Spring 1993.	

Examiner Signature	Flanagan	Date Considered	2/28/05
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<sup>2</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.